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# Minnesota Courts Integration Services

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CaseGet Service  
Version 2.0  
September 11, 2006

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## 1. Preface

This document describes the Integration Services Case Get service. It provides details on the set of messages that are input to, and output from, this service.

See the document [Integration Services Technical Overview](#) for additional information on Integration Services.

## 2. Revision History

Revision Date	Person	Description
9/2/04	PM	Created.
10/15/04	PM	Updated, version 0.2
12/10/04	TB	Updated, version 0.3
1/7/05	TB	Updated, version 0.4
2/1/05	TB	Updated, version 0.5 – Changed to <CaseNumberKey>
6/23/05	TB	Updated to version 1.0 Corrected list of available elements. Added in production queue/queue manager.
11/03/2005	TB	Aligned with Integration Services Technical Overview document.
12/22/2005	TB	Updated for CourtXML 2.0.0 Release
4/10/2006	TB	Added soap actor and http addresses
5/4/2006	RG	Inserted section ‘3.0 Access to the Case Get Service’ to add a reference to the ‘Integration Access Rights to MNCIS Case Records’ documentation.
6/2/2006	T. Buchholz	Add Message Warehouse section.
9/11/2006	T. Buchholz	Migrate to service version 2.

**Questions:** If you have questions, please contact Tim Buchholz or Linda Emeott, co-team leads of the Integration Team, in the Information Technology Department, Minnesota Supreme Court.

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### 3. Access to the Case Get Service

A consumer must be granted a specific right to use the Case Get Service. Once this right has been granted, the information that is returned by the service is governed by the access rights the consumer has to MNCIS case records. Refer to the document called 'Integration Access Rights to MNCIS Case Records' (available on the Integration Services website – <http://www.courts.state.mn.us/is>) for an overview of the process for requesting access to use court integration services.

### 4. CaseGet Service Overview

The Case Get service provides access to MNCIS case information on an as needed basis. At the point in time that a consuming system needs information on a MNCIS case it sends a request message to the Case Get service that identifies the case and the types of data that are desired. The Case Get service then extracts that information from MNCIS and returns a message to the requestor at the address that was specified in the request message.

This service was designed primarily to support providing access to cases when some user interaction within the consuming system dictates the need for that information (such as a user reviewing a file in the consuming system, and then clicking a button that would request more details on a given MNCIS case that may not be stored in the consuming systems database). It was not designed for, and cannot support, high volume batch requests (such as refreshing all cases that are stored within a consuming systems database on a periodic basis).

#### 4.1. *High Level Message Flow*

Use of the Case Get service can be broken down into 2 main steps.

- 1) The consuming system comes up with some need for information on a MNCIS case. It then formats a Case Get Request message and submits it to the Case Get service. That request specifies the following:
  - a. The case that is needed
  - b. The information is required for that case
  - c. The address to return the reply message to
  - d. Credentials that can be used to determine where the request is coming from.



- 2) The case get service then does the following to service that request:
- Confirm that the consuming system has access to the Case Get service
  - Pulls information from MNCIS and formats the Case Get Reply message
  - Sends the reply message to the address specified in the request message



## 5. Case Get Message Formats

### 5.1. Request Message

See the document [Integration Services Technical Overview](#) for more information on the general format for Integration Services messages.

#### 5.1.1. SOAP Headers

The following are the soap headers that are included in the Case Get Request messages.

Header	Description	Required
wsa:MessageID	Contains a unique identifier for this given Case Get Request message.	Yes
wsa:Action	Contains the URI associated with the Case Get Request service. It value will be <a href="http://www.courts.state.mn.us/IS/01/CaseGetRequest">http://www.courts.state.mn.us/IS/01/CaseGetRequest</a> for asynchronous submissions and <a href="http://www.courts.state.mn.us/IS/01/CaseGetRequestSync">http://www.courts.state.mn.us/IS/01/CaseGetRequestSync</a> for synchronous requests (only applies when accessing the service through HTTP).	Yes
wsa:To	<a href="http://www.courts.state.mn.us/IS/01">http://www.courts.state.mn.us/IS/01</a>	Yes
wsse:Security/ wsse:UsernameToken	Contains information that will allow the Integration Service to authenticate the submitter of the request, and to determine if they are authorized to use this service.	Yes

Header	Description	Required
wsa:ReplyTo	Contains the address that the Case Get Reply message should be delivered to.	Yes
wsa:FaultTo	Contains the address that faults should be delivered to. If omitted then the wsa:ReplyTo address will be used for faults as well as reply messages.	No.

### 5.1.2. Soap Body

The body of the request message is the CaseGetRequest element. This element contains the specifics about the MNCIS case information being requested, such as the case number and an indication of what case data the consumer would like returned to them.

Please refer to the CourtXML schema for the most up to date structure for the CaseGetRequest element. The following describes it at a high level:

- **CaseGetRequest**

The CaseGetRequest comprises the following data.

- **Selection** – this specifies one (or more) court cases (identified by the case numbers here) for which you are requesting detailed information.
- **CaseOptions** – this area specifies what case components you would like returned, and optionally some options that control the formatting of the requested component. One or more components can be identified within a given request. See the CourtXML schema for the full list of available components and any options they provide. If you do not want a given component, either leave the entire XML tag out of the request message, or put it in and set the “Selected” element to false.

CaseGetRequest Options available are listed below. Note: this list may not be current. See the CaseOptions element in the CourtXML schema for exact list of elements and options that are available.

- CourtCaseHeaderGroup
- CourtCaseEvent
- CasePartyRelation
- Attorney
- CaseProsecutor
- SubjectParties
- PartyToTheAction
- Victim
- Witness
- HearingTrialSetting
- Charge

- ChargeDispositions
- CourtDecisions
- DelinquencyDisposition
- InterimConditionsOrder
- JuvenileInterimPlacementOrder (CourtXML 1.0.0) or JuvenileJudgment (CourtXML 2.0.0)
- Warrant (CourtXML 2.0.0 Early 2006)

## 5.2. *Reply Message*

See the document Integration Services Technical Overview for more information on the general format for Integration Services messages.

### 5.2.1. SOAP Headers

The following are the soap headers that are included in the Case Get Reply messages.

Header	Description	Required
wsa:MessageID	Contains a unique identifier for this given Case Get Reply message.	Yes
wsa:Action	Contains the URI associated with the Case Get Reply message. If the request is successful the value will be: <a href="http://www.courts.state.mn.us/IS/01/CaseGetReply">http://www.courts.state.mn.us/IS/01/CaseGetReply</a> If a fault occurred the value will be: <a href="http://schemas.xmlsoap.org/ws/2004/08/addressing/fault">http://schemas.xmlsoap.org/ws/2004/08/addressing/fault</a>	Yes
wsa:To	Contains either the name (Soap Actor) of the service that is receiving the reply or an address that that service can be reached at. This value was taken from the wsa:ReplyTo header of the request message.	Yes
wsse:Security/ wsse:UsernameToken	Contains information that can be used by the sender to authenticate that the reply message is being sent from the courts.	Yes
wsa:RelatesTo	Contains the value of the wsa:MessageID header from the Case Get Request message.	Yes
Other submitter defined headers.	Other headers may be included if Reference Properties were provided in the ReplyTo header (or FaultTo header if that applies) of the request message. See the <u>Integration Services Technical Overview</u> document for more information on this.	No

## 5.2.2. SOAP Body

The body of the Case Get Reply message will contain either a Case Get Reply element or a soap:Fault element.

### 5.2.2.1. Case Get Reply

Successfully processed Case Get Request messages will result in a Case Get Reply message being returned.

Please refer to the CourtXML schema file for the most up to date information. This element contains the following:

- **CaseGetReply** – the reply message contains three sub-items:
  - **CaseRequest** – the information returned for this request. If the request included multiple cases, then there will be multiple CaseRequest nodes here.
- **CaseRequest**

This node contains the requested information for one of the cases that was specified in the Selection section of the request. If you requested multiple cases, then you will get a reply with multiple CaseRequest nodes.

- **caseNumberKey** – the case number that this CaseRequest element applies to.
- **CaseInformation** – the detailed information requested for this case.
- **CaseNullResponses** – as a convenience, this node contains a list of elements that were requested, but could not be returned for this request and case. For example, if the request message specified returning Victim information, and there was no victim information returned, then this node will identify “Victim” as a null response. There can be multiple causes for a null response. Two examples are: no data for this element on the case, or no security access to this data.
- **CaseRequestError** – any errors generated by the request for a specific case will be noted here. Note that this node contains errors for this specific case, general message problems will have resulted in SOAP Fault messages being returned. The reason for returning this element rather than a SOAP Fault is that the request might have been for multiple cases, some of which were successfully processed. The following table lists the possible CaseRequestError values:

Error Code	Message
1	Unknown CaseOptions element.
5	Unauthorized Access Attempted



6	Unknown Case
11	Technical Error ( <i>with additional description</i> )

### 5.2.2.2. SOAP Fault

Soap Fault elements are returned when there is something about the request message that makes it unable to be processed. See the document [Integration Services Technical Overview](#) for information on how soap faults are formatted.

The following table lists the soap faults that are specific to this service. See the [Integration Services Technical Overview](#) document for general faults that are common across services.

<b>soap:Code/soap:Value</b>	<b>soap:Code/soap:Sub code /soap:Value</b>	<b>soap:Reason/soap:Text</b>	<b>soap:Node</b>	<b>soap:Detail</b>
soap:Sender	soap:InvalidMessage	One or more CaseOption selections required.	soap:Body	The input soap envelope.
soap:Sender	soap:InvalidMessage	No CaseOptions were specified.	soap:Body	The input soap envelope.

## 6. Addresses

The following addresses are used to submit Case Get Request messages to (depending on transport type). See the Integration Setup procedures for how to gain access to these addresses.

### 6.1. *Websphere MQSeries Transport*

Environment	Queue	Queue Manager	Address
Test	IS_REQUEST_MNCIS_CASEGET_02	MSCJB01T	wmq:IS_REQUEST_MNCIS_CASEGET_02@MSCJB01T
Production	IS_REQUEST_MNCIS_CASEGET_02	MSCJB02P	wmq:IS_REQUEST_MNCIS_CASEGET_02@MSCJB02P

### 6.2. *HTTPS/Web service Transport*

Environment	To Address
Test	<a href="http://156.98.170.185/Test/SoapServices/CourtsIS_02/CourtsIS.ashx">http://156.98.170.185/Test/SoapServices/CourtsIS_02/CourtsIS.ashx</a> Note: this requires specific access through our firewall for your IP address.
Production	<a href="https://is.courts.state.mn.us/Prod/SoapServices/CourtsIS_02/CourtsIS.ashx">https://is.courts.state.mn.us/Prod/SoapServices/CourtsIS_02/CourtsIS.ashx</a>

## 7. Message Warehouse

Messages, as they are processed, are logged into an application that we call our Message Warehouse. Using the Message Warehouse we are able to look at messages that were processed and see the results of that processing. This allows us to better troubleshoot issues and answer questions about why something happened the way it did. It also allows us to recover messages that may have been lost. Messages are eventually purged from the Message Warehouse. Case Get messages are kept in the Message Warehouse for 2 weeks.